



MicroPatent's Patent Index Database: Record 3 of 4 [Individual Record of JP2000072766A]

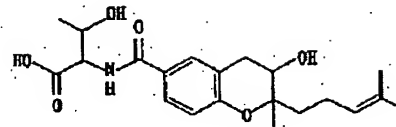
☐ Order This Patent
 ☐ Family Member(s)
JP2000072766A ☐ 20000307 [FullText](#)

Title: (ENG) BENZOPYRAN DERIVATIVE

Abstract: (ENG)

**PROBLEM TO BE SOLVED:** To obtain a new compound having an ICAM-1/LFA-1 bond inhibitive activity, useful as a biochemical or pharmacological reagent for resolving an ICAM-1/LFA-1 adhesion route, and useful for the prophylaxis and treatment of an inflammatory disease e.g. asthma or rheumatism.

**SOLUTION:** This compound has the following physicochemical properties: Form; colorless and amorphous, Molecular weight and formula; 391.46 and C<sub>21</sub>H<sub>29</sub>NO<sub>6</sub>, Melting point; 86 to 88°C, Optical rotation; [α]<sub>D</sub><sup>25</sup>+43.6°, R<sub>f</sub> value; 0.21 (CHCl<sub>3</sub>:CH<sub>3</sub>OH=5:1, acetic acid 0.1%). The compound is obtained by cultivating the microorganism (FERM P-16829), capable of producing the compound and belonging to the genus Streptomyces, in a nutrient medium at 25 to 30°C for 3 to 5 days, and by recovering the objective compound from the medium or cell bodies.



Application Number: JP 25609598 A

Application (Filing) Date: 19980827

Priority Data: JP 25609598 19980827 A X;

Inventor(s): KAWAMURA NAOTO ; TSUJI EMIKO ; WATANABE YOSHIO ; DOBASHI KAZUYUKI ; KOSHI TORU

Assignee/Applicant/Grantee: DAIICHI SEIYAKU CO ; MERCIAN CORP

IPC (International Class): C07D31158; A61K03135; C12N00120; C12P01706; C12N00120; C12R001; C12P01706; C12R001

Other Abstracts for Family Members: CHEMABS132(15)193330H; DERABS C2000-353302

Other Abstracts for This Document: CHEMABS132(15)193330H; DERABS C2000-353302

**Patents Citing This One (2):**

- WO2004073701A1 20040902 SODA KUNIYASU JP  
LFA-1 INHIBITORS AND USE THEREOF
- WO2004031165A1 20040415 ENOKI TATSUJI JP; MURAKI NOBUKO JP; KATO IKUNOSHIN JP; ONOGI HIROMU JP; SAGAWA HIROAKI JP; TAKARA BIO INC JP; SUGIYAMA KATSUMI JP  
REMEDIES

Legal Status: There is no Legal Status information available for this patent



Copyright © 2002, MicroPatent, LLC. The contents of this page are the property of MicroPatent LLC including without limitation all text, html, asp, javascript and xml. All rights herein are reserved to the owner and this page cannot be reproduced without the express permission of the owner.